

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International publication date
20 November 2003 (20.11.2003)

PCT

(10) International publication number
WO 03/095728 A2

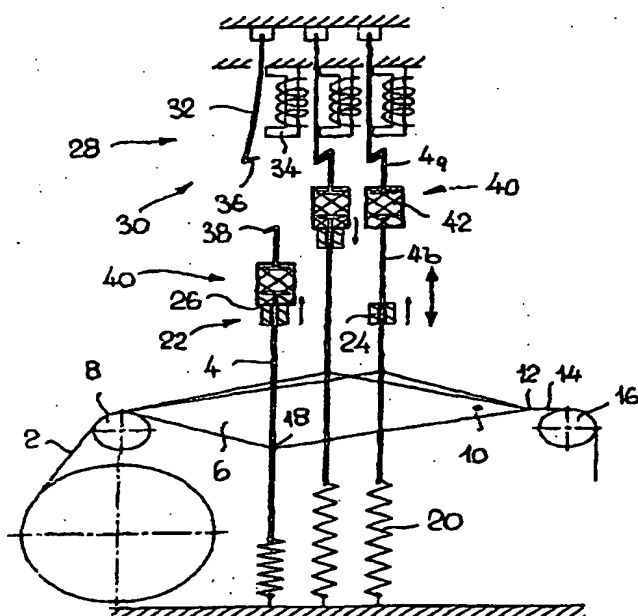
- (51) International patent classification⁷: D03C 3/24, 3/42
(21) International application number: PCT/CH03/00252
(22) International filing date: 15 April 2003 (15.04.2003)
(25) Language of filing: German
(26) Language of publication: German
(30) Data relating to the priority: 796/02 10 May 2002 (10.05.2002) CH
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(81) Designated states (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.

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As printed

(54) Title: WIRELESS THREAD CONTROLLING DEVICE

(54) Bezeichnung: SCHNURLOSE FADENSTEUERVORRICHTUNG



(57) Abstract: The invention relates to a wireless thread controlling device for selectively controlling the movement of a thread (2) oscillating transversally in relation to the longitudinal direction thereof, especially a warp thread (2) of a shedding device pertaining to a mechanical weaving loom. The inventive thread controlling device is provided with at least one lifting device (22) which can be driven in an oscillating manner, and at least one driving mechanism (4) for the thread (2). Furthermore, at least one locking device (28) is provided - said locking device comprising a control means (30) which can be actuated by an actuator (34) - in order to selectively engage the driving mechanism (4) with the lifting device (22). In order to increase performance and service life, and to reduce noise emission, the thread controlling device comprises a damper (40) which connects the individual parts (4a, 4b) of the two-part driving mechanism.

(57) Zusammenfassung: Die schnurlose Fadensteuervorrichtung zur wahlweisen Steuerung einer oszillierenden Bewegung eines Fadens (2) quer zu dessen Laufrichtung, insbesondere eines Kettfadens (2) einer Fachbildvorrichtung einer Webmaschine, ist mit mindestens einer oszillierend antreibbaren Hubvorrichtung (22) und mit mindestens einem Mitnehmer (4) für den Faden (2) ausgestattet. Ferner ist mindestens eine Anstiegsvorrichtung (28) mit einem mittels eines Aktuators (34) betätigbaren Steuermittel (30) vorhanden, um den Mitnehmer (4) selektiv mit der Hubvorrichtung (22) in Eingriff zu bringen. Zur Erhöhung der Leistung und der Lebensdauer sowie zur Verminderung der Lärmemissionen weist die Fadensteuervorrichtung einen Dämpfer (40) auf, der die Mitnehmeranteile (4a, 4b) des geteilt ausgebildeten Mitnehmers verbindet.

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Express Label No.
EV343685941US